

Doc code :IDS

PTO/SB/08a (09-08)

Doc description: Information Disclosure Statement (IDS) Filed

Approved for use through 10/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10781951
	Filing Date		2004-02-18
	First Named Inventor	J. Walton	
	Art Unit	2416	
	Examiner Name	ALIA, CURTIS A	
	Attorney Docket Number	040235	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6198775		2001-03-06	Khayrallah et al.	
	2	6314147		2001-11-06	Liang, et al.	
	3	6486828		2002-11-26	Cahn, et al.	
	4	6711124		2004-03-23	Khayrallah et al.	
	5	6711528		2004-03-23	Dishman, et al.	
	6	6788661		2004-09-07	Ylitalo, et al.	
	7	6801790		2004-10-05	Rudrapatna	
	8	6816555		2004-11-09	Sakoda	

SUPPLEMENTAL

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number		10781951
Filing Date		2004-02-18
First Named Inventor	J. Walton	
Art Unit	2416	
Examiner Name	ALIA, CURTIS A	
Attorney Docket Number	040235	

	9	6862271		2005-03-01	Medvedev, et al.	
	10	6940917		2005-09-06	Menon, et al.	
	11	6982946		2006-01-03	Wiberg, et al.	
	12	7020490		2006-03-28	Khatri	
	13	7079870		2006-07-18	Vaidyanathan	
	14	7194042		2007-03-20	Walton, et al.	
	15	7200631		2007-04-03	Mailaender, et al.	
	16	7227906		2007-06-05	Fukuda, et al.	
	17	7359466		2008-04-15	Huang, et al.	
	18	7447268		2008-11-04	Sadowsky, et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10781951	
	Filing Date		2004-02-18	
	First Named Inventor	J. Walton		
	Art Unit	2416		
	Examiner Name	ALIA, CURTIS A		
	Attorney Docket Number	040235		

	1	1220506	EP		2002-07-03	Kabushiki Kaisha Toshiba		<input type="checkbox"/>
	2	1396956	EP		2004-03-10	Mitsubishi Electric Info. Technology Centre		<input type="checkbox"/>
	3	2111619	RU		1998-05-20	Kvehlkomm Inkorporejted		<input type="checkbox"/>
	4	2116698	RU		1998-07-27	Fuba Automotive Gmbkh		<input type="checkbox"/>
	5	02078211	WO		2002-10-03	Qualcomm Incorporated		<input type="checkbox"/>
	6	04038984	WO		2004-05-06	Qualcomm Incorporated		<input type="checkbox"/>
	7	04038985	WO		2004-05-06	Qualcomm Incorporated		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	WRITTEN OPINION-PCT/US05/005261, INTERNATIONAL SEARCH AUTHORITY-EUROPEAN PATENT OFFICE, 6/16/05	<input type="checkbox"/>
	2	INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY-PCT/US05/005261, INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY-ALEXANDRIA, VIRGINIA, US, 09/30/06	<input type="checkbox"/>

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10781951
	Filing Date		2004-02-18
	First Named Inventor	J. Walton	
	Art Unit	2416	
	Examiner Name	ALIA, CURTIS A	
	Attorney Docket Number	040235	

3	AGUSTIN ET AL., "LDC CONSTRUCTION WITH A DEFINED STRUCTURE,"VEHICULAR TECHNOLOGY CONFERENCE, XP010700754, OCTOBER (2003)	<input type="checkbox"/>
4	B.M HOCHWALD ET AL., "SYSTEMATIC DESIGN OF UNITARY SPACE-TIME CONSTELLATIONS,"IEEE TRANS. ON IT,VOL.46, NO.6, SEPTEMEBR 2000.	<input type="checkbox"/>
5	CROW, I.: "The Fourier Matrix," 4/27/01, http://www.maths.abdn.ac.uk/~igc/tch/mx4002/notes/node91.html , pages 1-3	<input type="checkbox"/>
6	DAMMANN, et al., "Beamforming in Combination with Space-Time Diversity for Broadband OFDM Systems," IEEE International Conference on Communications, 2002. ICC 2002. New York, NY, April 28-May 2, 2002, Vol. 1, pp. 165-171.	<input type="checkbox"/>
7	KAISER, "Spatial Transmit Diversity Techniques for Broadband OFDM Systems," IEEE Global Telecommunications Conference, 2000. GLOBECOM '00. San Francisco, CA, Nov. 27-Dec. 1, 2000, Vol. 3, pp. 1824-1828.	<input type="checkbox"/>
8	NARULA, et al., "Performance Limits of Coded Diversity Methods for Transmitter Antenna Arrays," IEEE Transactions on Information Theory, Vol. 45, No. 7, Nov. 1999, pp. 2418-2433.	<input type="checkbox"/>
9	PAN, et al., "Dynamic Sub-channel Allocation with Adaptive Beamforming for Broadband OFDM Wireless Systems," IEEE Global Telecommunications Conference, 2002. GLOBECOM '02. Taipei, Taiwan, Nov. 17-21, 2002, New York, NY, Nov. 17, 2002, Vol. 1, pp. 711-715.	<input type="checkbox"/>
10	T.L. MARZETTA, B. HASSIBI, B.M HOCHWALD, "STRUCTURED UNITARY SPACE-TIME AUTOCODING CONSTELLATIONS,"IEEE TRANS. ON IT,VOL.48, NO.4, APRIL 2002.	<input type="checkbox"/>
11	IEEE Std. 802.11a-1999, Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, Amendment 1: High-Speed Physical Layer in the 5 GHz Band	<input type="checkbox"/>
12	IEEE Std. 802.11g-2003, Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, Amendment 4: Further Higher Data Rate Extension in the 2.4 GHz Band	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button